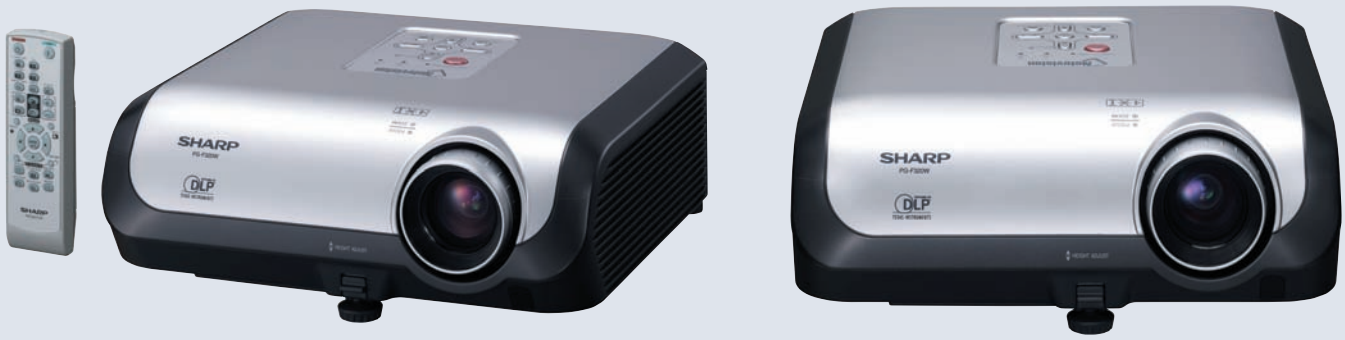
SHARP®

PG-F320W

WXGA (1280 x 800) 3000 ANSI Lumens, Data/Video Projector



Provides Full Display of XGA, 720p HDTV and 1280 x 800 WXGA Images

Designed to offer maximum flexibility, image quality and performance, the Sharp Notevision® WXGA PG-F320W utilizes the latest Texas Instruments® DLP® BrilliantColor™ technology – providing a full 1280 x 800 native resolution, with compatibility up through UXGA analog RGB (1600 x 1200). With this "future-proof" resolution, the PG-F320W is able to project not only standard XGA and "720p" HDTV, but also "pixel perfect" 1280 x 800 resolution from the newest generation Wide-XGA PCs. DLP BrilliantColor technology expands the color palette for more realistic and lifelike color reproduction, and the Condenser Lens Optical system further ensures superior color accuracy. With built-in RJ-45 LAN connectivity, 3000 ANSI Lumens and advanced HDCP Compliant DVI-I input, the Sharp PG-F320W meets the needs of most any corporate, educational or house-of-worship setting. The DLP sealed system, along with integrated air filter and ultra-quiet cooling fans, further make the PG-F320W a projector of choice for rental/staging, government installations and other extended-use environments.

Features:

"Future-Proof" WXGA 1280 x 800 Resolution (16:10 aspect ratio) The PG-F320W is among the first projectors able to display standard XGA data and video, 1280 x 720 HDTV (16:9 aspect ratio), as well "pixel-perfect" 1280 x 800 WXGA (16:10 aspect ratio) from the newest generation PCs.

HDCP Compliant DVI-I (Digital and Analog) Input for easy setup, and secure, virtually noise-free digital connection.

Texas Instruments DLP BrilliantColor Technology for superior color accuracy with more realistic and lifelike image reproduction.

Screen Size and Projection Distance

16:10 Aspect Ratio (Normal Mode)

Projection (Screen) Size			Projection Distance [L]		Distance from the lens center to the bottom of the image
Diag. [X]	Width	Height	Minimum [L1]	Maximum [L2]	
300″	254″	159″	28′11″	33′8″	12″
200″	170″	106″	19′6″	22′6″	8″
150″	127″	79″	14′5″	16′8″	6″
100″	85″	53″	9′9″	11′1″	4″
84″	71″	45″	8′1″	9′5″	3″
72″	61″	38″	6′11″	8′1″	3″
60″	51″	32″	5′10″	6′8″	2″
40″	34″	21″	3′11″	4′5″	1″

Normal Mode (4:3 Aspect Ratio)

Projection (Screen) Size			Projection Distance [L]		Distance from the lens center to the bottom of the image
Diag. [X]	Width	Height	Minimum [L1]	Maximum [L2]	
300″	240″	180″	32′9″	38′1″	14″
200″	160″	120″	22′0″	25′6″	9″
150″	120″	90″	16′4″	18′10″	7″
100″	80″	60″	11′0″	12′7″	4″
80″	64″	48″	8′10″	10′1″	3″
70″	56″	42″	7′7″	8′10″	3″
60″	48″	36″	6′7″	7′7″	2″
40″	32″	24″	4′5″	5′0″	1″

High Brightness and Contrast 3000 ANSI Lumens, with 2000:1 Contrast Ratio.

Wide Computer Compatibility including Intelligent ImageACE™ resizing for compatibility up through UXGA analog RGB (1600 x 1200).

RJ-45 Network Connector for remote access by web browser, diagnosis and auto e-mail sending, and ability to link to a specific website for service and support.

Free Downloadable Sharp Display Manager™ Software for multiple projector management and monitoring for theft protection.

DLP Sealed System with Integrated Air Filter and Ultra-Quiet Cooling Fans for reliable, extended use operation.

On-Screen Setup Guide and "Help" Function ensure easy setup and operation.

Presentation Assist Functions (by remote control) include page up/down, GUI (graphic user interface) pointer, spotlight and mouse control.

Direct Power Off and Auto Restart allows for quick shutdown when presenting on the go. Auto restart function restores projector power status if there is a power failure or main power control.

Back Panel

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Specifications

Model Number	PG-F320W
Native Resolution / Resizing	WXGA (1280 x 800) native resolution up through UXGA analog RGB (1600 x 1200) with Intelligent ImageACE™ resizing
TV Lines	720 TV lines (DTV 720P input)
Device Type	Single 0.65" DLP® chip
Cabinet Color	Silver
H & V Frequency / Dot Clock	fH 15-110 kHz / fv 45-85 Hz / 12-170 MHz
Compatibility	PC, Mac®
Video System	NTSC 3.58, 4.43 / PAL, 60, M, N/SECAM
DTV / HDTV	Compatibility including 480I, 480P, 540P, 576I, 576P, 720P, 1035I, 1080I, 1080P
Brightness	3000 ANSI lumens (2400 A.L. in low power eco + quiet mode)
Contrast Ratio	2000:1
Lens Type	1:1.15x manual zoom and focus, F2.4-2.6, throw ratio = 1.4-1.6, f = 18.7-21.5mm
Optical System	Condenser lens optical system (provides higher image uniformity and contrast, without ghosting)
Aspect Ratio	Native 16:10
Screen Size (Min / Max)	40" (diagonal) up to 300" (diagonal)
Projection Distance	9' 9" - 11' 1" for 100" diagonal wide (16:10) screen
IR Wireless Remote Control	Yes – with on-screen break timer, GUI pointer, spotlight, forward/back presentation control and mouse control. [38 kHz carrier frequency]
Built-in Audio System	2.0 Watts monaural
Lamp Module	AN-F310LP / AN-F310LP/1 (275W DC, user replaceable)
Estimated Lamp Life (standard/eco)*1	2000 hours / 3000 hours
Fan Noise (standard/eco)	35dB / 30dB
Power Source	100 - 240V, 3.7A
Power Consumption (at 100V AC)	363W in bright lamp setting and high fan mode; 294W in eco + quiet lamp setting and normal fan mode; 10.5W in standby mode
Heat Dissipation (110V) (lamp setting bright / eco/quiet)	1365 BTU/hour / 1110 BTU/hour
Safety Approval	UL, FCC Class A
Operating / Storage Temperatures	41° F to 95° F (+5° C to +35° C) / -4° F to 140° F (-20° to +60° C)
Inputs / Outputs	1 - RGB/component input (15-pin HD); 1 - DVI-I RGB/HDCP; 1 - composite video input (RCA pin type); 1 - S-Video input (4-pin DIn); 1 - PC/Component stereo audio input (3.5mm mini jack); 1 - Video audio input (1-pair RCA pin-type); 1 - RGB loop-through output (15-pin HD); 1 - Stereo VAO line variable audio output (3.5mm mini jack); 1 - RS-232C (mini DIN 9-pin); USB for mouse control; RJ-45 LAN connector
LAN Connectivity	Built-in RJ-45 LAN Connector
Control Systems	Compatible with Crestron®, AMX®, Extron®, Bitlogix®
Included Accessories	Wireless remote control; two AA batteries; 6' AC power cord; 10' RGB signal cable; attached lens cap; integrated air filter; projector operation manual; RS-232C control adapter; storage bag
Optional Accessories	AN-XRCM30 ceiling mount bracket; AN-EP101B extension tube for ceiling mount; AN-JT200 angle mount joint for ceiling mount; AN-CMCSS16 16" security cable system; AN-CMCSS46 security cable system; AN-C3CP2 3-RCA to 15-pin D-sub cable (10'); AN-A1RS RS-232C adapter; AN-MR2 remote IR receiver (for forward/back presentation control in ceiling mount installations); AN-C3BN 5-BNC to 15-pin D-sub cable (10'); AN-C500SB light-duty storage bag; AN-C600WCC hard-shell wheeled storage bag; AN-C600SC "ATA" storage case
Limited Warranty*2	2 years parts/labor including 2 years of Sharp ER 24-hour turnaround Express Repair. 90-day lamp warranty.
Dimensions (w x d x h) (in inches)	12-13/32 x 4-19/64 x 11-1/32 (main body only)
Weight (in pounds)	9.1
UPC	074000365414

07L032

*1 Up to 3000 hours lamp life in low power ("eco + quiet") mode; up to 2000 hours lamp life in standard mode.

*2 See warranty statement included in the product operation manual. PDF download at www.sharpusa.com.

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Product specifications and design are subject to change without notice.
See operation manual for complete details.

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